

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

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**CATEGORY:** Photoelectric Smoke Detector (Single/Multiple)

**LISTEE:** First Alert, 3901 Liberty Street Rd, Aurora, IL 60504  
Contact: Mark Dippner (630) 851-7330 Ext 1422 FAX (630) 851-9309

**DESIGN:** Model SC07 single station, battery operated, combination photoelectric smoke and electrochemical carbon monoxide (CO) detector. Employs an alarm silence feature. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 2 Energizer "AA" batteries, type E91, 1.5 Vdc

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:** Listed as a single station, battery operated, combination photoelectric smoke CO detector. Refer to listee's Installation Instructions Manual for details.

This unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition.

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

06-30-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

**JUNE 30, 2004**

*Listing Expires **June 30, 2005***

Authorized By:

**DIANE K. AREND**, Senior Deputy  
Program Manager